PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re : Application of Cavalotti et al.

For : FALSE DRUM WITH A VARIABLE AREA VACUUM-

SURFACE

Serial No.

Filed : concurrently herewith

Group Art Unit

Examiner :

Our Docket No. : DN2001169D01

October 31, 2003

COMMISSIONER FOR PATENTS

Alexandria, Virginia

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Sir:

The following information is disclosed in accordance with 37 C.F.R. 1.97.

The following patents, which are listed on the enclosed form PTO-1449, are considered relevant prior art.

UNITED STATES

Patent/Publication No.	<u>Patentee</u>	<u>Date</u>
US-2003-0051793-A1	Cavalotti et al.	03/20/03
6,254,090	Rhodes et al.	07/03/01
6,209,867	Madsen et al.	04/03/01
6,182,957	Becker	02/06/01
5,820,726	Yoshida et al.	10/13/98
5,669,155	Hughes et al.	09/23/97
5,635,016	Byerley	06/03/97
5,383,001	Bosy	01/17/95
5,342,068	Large	08/30/94
5,273,613	Sato et al.	12/28/93
5,203,942	DeCook et al.	04/20/93
5,183,252	Wolber et al.	02/02/93
5,111,633	Draghetti	05/12/92
5,066,346	Long et al.	11/19/91
4,925,113	Wissman et al.	05/15/90
4,891,082	Broyles et al.	01/02/90
4,874,443	Kipling	10/17/89
4,857,123	Still et al.	08/15/89

Patent/Publication No.	Patentee	Date
4,816,105	Yamashita	03/28/89
4,767,487	Tomsovic, Jr.	08/30/88
4,747,904	Okuyama et al.	05/31/88
4,724,036	Hill et al.	02/09/88
4,722,255	Choate et al.	02/02/88
4,591,467	Kopernicky	05/27/86
4,541,156	Walsh et al.	09/17/85
4,516,451	Takeshita et al.	05/14/85
4,504,337	Askam et al.	03/12/85
4,445,558	Banner et al.	05/01/84
4,437,659	Caron et al.	03/20/84
4,262,715	Hausler et al.	04/21/81
4,210,482	Collins	07/01/80
4,202,542	Lammers et al.	05/13/80
4,145,040	Huber	03/20/79
4,138,307	Rost	02/06/79
4,087,177	Gumm et al.	05/02/78
3,877,651	Harris	04/15/75
3,752,639	Thagard, Jr.	08/14/73
3,732,767	Habert	05/15/73
3,663,012	Van Den Honert	05/16/72
3,616,031	Fleissner	10/26/71
3,580,790	Pollmeier et al.	04/23/69

FOREIGN PATENT DOCUMENTS

Document No.	Country	<u>Date</u>
1,010,597	United Kingdom	11/65
JP-56-23147	Japan	03/81

Due consideration and allowance of this application are respectfully solicited.

Respectfully submitted,

Howard M. Cohn

Registration No. 25,808

21625 Chagrin Blvd. Suite 220 Cleveland, Ohio 44122 (216)752-0955 phone (216)752-0957 fax

gy376div ids

(Use several sheets if necessary)

ATTY DOCKET NO. DN2001170D01	SERIAL NO.	
Cavalotti et al.		
FILING	LCDOUD	

concurrently herewith

DOCUMENT NUMBER DATE NAME CLASS SUBCLASS FILMS DATE FILM		U.:	S. PATENT DOCUMENTS				
6,209,867 04/03/01 Madsen et al.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		
6,182,957 02/06/01 Becker	6,254,090	07/03/01	Rhodes et al.				
5,820,726 10/13/98 Yoshida et al. 5,635,016 06/03/97 Byerley 5,383,001 01/17/95 Bosy 5,342,068 08/30/94 Large 5,273,613 12/28/93 Sato et al. 5,203,942 04/20/93 DeCook et al. 5,183,252 02/02/93 Wolber et al. 5,111,633 05/12/92 Draghetti FOREIGN PATENT DOCUMENTS 1,010,597 11/65 United Kingdom 56023147 03/81 Japan	6,209,867	04/03/01	Madsen et al.				
5,635,016 06/03/97 Byerley	6,182,957	02/06/01	Becker				
5,383,001 01/17/95 Bosy	5,820,726	10/13/98	Yoshida et al.				
5,342,068 08/30/94 Large	5,635,016	06/03/97	Byerley				
5,273,613 12/28/93 Sato et al.	5,383,001	01/17/95	Bosy				•
5,203,942 04/20/93 DeCook et al.	5,342,068	08/30/94	Large				
5,183,252 02/02/93 Wolber et al.	5,273,613	12/28/93	Sato et al.				
5,111,633 05/12/92 Draghetti	5,203,942	04/20/93	DeCook et al.				
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NC	5,183,252	02/02/93	Wolber et al.				
DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION	5,111,633	05/12/92	Draghetti				
1,010,597 11/65 United Kingdom 56023147 03/81 Japan		FOR	EIGN PATENT DOCUMENTS	•			
1,010,597 11/65 United Kingdom 56023147 03/81 Japan ✓	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS		ATION
	1,010,597	11/65	United Kingdom				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	56023147	03/81	Japan			1	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	OTHER DOCUM	IENTS (Includia	ng Author, Title, Date, Pertine	ent Pages, Etc.))		
		-					
							-

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

DATE CONSIDERED

(Use several sheets if necessary)

DOCUMENT NUMBER

5,066,346

4,925,113

4,891,082

4,874,443

4,857,123

4,816,105

4,767,487

4,747,904

4,724,036

4,722,255

4,591,467

*EXAMINER

INITIAL

ATTY DOCKET NO. DN2001170D01	SERIAL NO.	
Cavalotti et al.		
FILING	GROUP	

	concurrent	ly herewith		
U.S	. PATENT DOCUMENTS			
DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
11/19/91	Long et al.			
05/15/90	Wissman et al.			
01/02/90	Broyles et al.			
10/17/89	Kipling			
08/15/89	Still et al.			
03/28/89	Yamashita			
08/30/88	Tomsovic, Jr.			
05/31/88	Okuyama et al.			
02/09/88	Hill et al.			
02/02/88	Choate et al.			
05/27/86	Kopernicky			
FORE	IGN PATENT DOCUMENTS			
 DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
DATÉ	COUNTRY	CLASS	3000000	YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER

DATE CONSIDERED

(Use several sheets if necessary)

ATTY DOCKET NO. DN2001170D01	SERIAL NO.
Cavalotti et al.	
FILING	GROUP

		U.S	S. PATENT DOCUMENTS			· · · · · · · · · · · · · · · · · · ·
EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,516,451	05/14/85	Takeshita			
	4,504,337	03/12/85	Askam et al.			
	4,445,558	05/01/84	Banner et al.			
	4,437,659	03/20/84	Caron et al.			
	4,262,715	04/21/81	Hausler et al.			
	4,210,482	07/01/80	Collins			
	4,202,542	05/13/80	Lammers et al.			
	4,145,040	03/20/79	Huber			
	4,138,307	02/06/79	Rost			
	4,087,177	05/02/78	Gumm et al.			
	3,877,651	04/15/75	Harris			
		FOR	EIGN PATENT DOCUMENTS			
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	DOGGINENT NOMBER					YES NO
			 			
7)	OTHER DOCUM	I MENTS (Includi	I ing Author, Title, Date, Pertind	ent Pages, Etc.,)	<u> </u>

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Use several sheets if necessary)

ATTY DOCKET NO. DN2001170D01	SERIAL NO.
Cavalotti et al.	
Cavalotti ct ai.	
FILING	GROUP

	U.	S. PATENT DOCUMENTS			
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
3,732,767	05/15/73	Habert			
3,663,012	05/16/72	Van Den Honert			
5,669,155	09/23/97	Hughes et al.			
4,541,156	09/17/85	Walsh et al.			
3,752,639	08/14/73	Thagard, Jr.			
3,616,031	10/26/71	Fleissner			
3,580,790	05/25/71	Pollmeier et al.			
US-2003-0051793-A1	03/20/03	Cavalotti et al.			
	FOF	REIGN PATENT DOCUMENTS			· · · · · · · · · · · · · · · · · · ·
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
				-	
OTHER DOCUM	MENTS (Includ		ent Pages, Etc.	L)	<u> </u>
	3,732,767 3,663,012 5,669,155 4,541,156 3,752,639 3,616,031 3,580,790 US-2003-0051793-A1	DOCUMENT NUMBER DATE 3,732,767 05/15/73 3,663,012 05/16/72 5,669,155 09/23/97 4,541,156 09/17/85 3,752,639 08/14/73 3,616,031 10/26/71 3,580,790 05/25/71 US-2003-0051793-A1 03/20/03 FOR DOCUMENT NUMBER DATE DAT	3,732,767	DOCUMENT NUMBER DATE NAME CLASS	DOCUMENT NUMBER DATE NAME CLASS SUBCLASS

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

P09C/REV03